Request to Archive
With The National Centers for Environmental Information
For Space Environmental Anomalies Expert System Real Time
Provided by NOAA/NWS/SWPC

2013-03-13

This information will be used by NCEI to conduct an appraisal and make a decision on the request.

1. Who is the primary point of contact for this request?

Janet Green

NGDC

Data Manager

303-497-6686

janet.green@noaa.gov

Calls taken by Janet Machol.

2. Name the organization or group responsible for creating the dataset.

NOAA SWPC

3. Provide an overview summarizing the scope of data you want to archive. Describe the outputs, data variables, including their measurement resolution and coverage.

The data are the output of the SEAESRT product that predicts whether a satellite be vulnerable to a set of space weather induced anomalies.

4. What is the time period covered by the dataset? (YYYY-MM-DD, YYYY-MM or YYYY)

From 2013-03-31

Ongoing as continuous updates to the data record

5. Edition or version number(s) of the dataset:

1

6. Describe the level to which the data are processed. For example, are these unprocessed raw observations, derived parameters, quality controlled or inter-calibrated data, etc.?

derived parameters

7. Approximate date when the dataset was or will be released to the public:

2013-04-15

8. Who are the expected users of the archived data? How will the archived data be used?

Commercial and Defense satellite operators and designers.

9. Has the dataset undergone user evaluation and/or an independent review process? Did NCEI participate in design reviews?

No

10. Describe the dataset's relationship to other archived datasets, such as earlier versions or related source data. If this is a new version, how does it improve upon the previous version(s)?

It is based on the GOES particle data.

11. List the input datasets and ancillary information used to produce the data.

GOES particle fluxes and kp.

12. List web pages and other links that provide information on the data.

None

13. List the kinds of documents, metadata and code that are available for archiving. For example, data format specifications, user guides, algorithm documentation, metadata compliant with a standard such as ISO 19115, source code, platform/instrument metadata, data/process flow diagrams, etc.

1. none

14. Indicate the data file format(s).

1. TBD

15. Are the data files compressed?

No

16. Provide details on how the files are named and how they are organized (e.g., file_name_pattern_YYYYMM.tar in monthly aggregations).

Unknown or TBD

17. Explain how to access sample data files and/or a file listing for previewing. If it is not available now, when will it be available?

18. What is the total data volume to be submitted?

Continuous Data: data volume rate for a continuous data production.

Total Data Volume Rate:	200KB per Day
Data File Frequency:	1 per Day
Data Production Start:	2013-04-15

19. Are later updates, revisions or replacement files anticipated? If so, explain the conditions for submitting these additional data to the archive.

We would like to use delivered code to fill in the past archive.

20. Describe the server that will connect to the ingest server at NCEI for submitting the data.

Physical Location:	TBD
System Name:	TBD
System Owner:	TBD
Additional Information:	TBD

21. What are the possible methods for submitting the data to NCEI? Select all that apply.

1. FTP PULL
2. FTP PUSH

sql database access

22. Identify how you would like NCEI to distribute the data. Web access support depends on the resources available for the dataset.

1. Advanced web services (e.g., THREDDS Catalog Service)

23. Will there be any distribution, usage, or other restrictions that apply to the data in the archive?

No known constraints apply to the data.

24. Discuss the rationale for archiving the dataset and the anticipated benefits. Mention any risks associated with not archiving the dataset at NCEI.

Satellite companies that experience an anomaly will need the retrospective data

25. Are the data archived at another facility or are there plans to do so? Please explain.

No

26. Is there an existing agreement or requirement driving this request to archive? Have you already contacted someone at NCEI?

No

27. Do you have a data management plan for your data?

No

28. Have funds been allocated to archive the data at NCEI?

No

29. Identify the affiliated research project, its sponsor, and any project/grant ID as applicable.

30. Is there a desired deadline for NCEI to archive and provide access to the data?

Archive by: 2013-04-30

Accessible by:

31. Add any other pertinent information for this request.

None